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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. **TI-29015.1**First Named Inventor or Application Identifier **Reh, Jeffrey**Title **SINGLE-SPEED MASS MEMORY STORAGE DEVICE WITH
CONTINUOUSLY VARIABLE READ CHANNEL AND METHOD**Express Mail Label No. **EL547742962US****APPLICATION ELEMENTS**

See MPEP Chapter 600 concerning utility patent application contents

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)

2. Specification Pages
(preferred arrangement set forth below)
- Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R&D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description

[Total]

19

3. Drawing(s) (35 USC d113)
Sheets

[Total]

2

4. Oath or Declaration
- a. Newly Executed (original or copy)
- b. Copy from a prior application (37 CFR §1.63(d))
(for continuation/divisional with Box 17 completed)

[Total Pages]

3**[Note Box 5 below]**

- i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application,
see 37 CFR §1.63(d)(2) and 1.33(b).

5. Incorporation By Reference (useable if Box 4b is checked)
The entire disclosure of the prior application, from which a copy of
the oath or declaration is supplied under Box 4b, is considered as
being part of the disclosure of the accompanying application and is
hereby incorporated by reference therein.

ADDRESS TO:Assistant Commissioner for Patents
Box Patent Application
Washington, DC 2023117510 US PTO
10/696857

10/30/03

ACCOMPANYING APPLICATION PARTS

8. Assignment Papers (cover sheet & Documents(s))
9. 37 CFR §3.73(b) Statement
(when there is an assignee) Power of Attorney
10. English Translation Document (if applicable)
11. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
12. Preliminary Amendment
13. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
14. Small Entity Statement(s) Statement filed in prior application
Status still proper and desired
(PTO/SB/09-12)
15. Certified Copy of Priority Document(s)
If foreign priority is claimed
16. Other:

*A new statement is required to be entitled to pay small entity fees, except where one has been filed in a prior application and is being relied upon.***17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment:** Continuation Divisional Continuation-in-part (CIP) of prior application No: 09/588,088

Prior application information: Examiner Le, Kimlien T. Group / Art Unit: 2653

18. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label

023494

Correspondence address below

(Insert Customer No. or Attach bar code label
here)

NAME	W. Daniel Swayze, Jr. Texas Instruments Incorporated			
ADDRESS	P.O. Box 655474 M/S 3999			
CITY	Dallas	STATE	Texas	ZIP CODE
COUNTRY	USA	TELEPHONE	(972) 917-5633	FAX (972) 917-4418

Name (Print/Type)	W. Daniel Swayze, Jr.	Registration No. (Attorney/Agent)	34,478
Signature	wds		
	Date	10-30-2003	

TI-29015.1

FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.
Express Mailing Label No.:

TOTAL AMOUNT OF PAYMENT

(\$ 1032)

Complete If Known	
Application Number	TBD
Filing Date	10/30/03
First Named Inventor	Jeffrey G. Reh
Examiner Name	TBD
Group Art Unit	TBD
Attorney Docket No.	29015.1

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number	20-0668
Deposit Account Name	Texas Instruments Incorporated
<input type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27	

2. Payment Enclosed:
 Chek Credit card Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001	770	Utility filing fee	\$ 770
1002	330	Design filing fee	
1003	510	Plant filing fee	
1004	740	Reissue filing fee	
1005	160	Provisional filing fee	
SUBTOTAL (1)		(\$ 770)	

2. EXTRA CLAIM FEES

Total Claims	Independent Claims	Extra Claims		Fee from below	Fee Paid
		25	-20** = 5	x 18	
		5	-3** = 2	x 86	= 172

Multiple Dependent

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1202	18	Claims in excess of 20	
1201	84	Independent claims in excess of 3	
1203	280	Multiple dependent claim, if not paid	
1204	84	**Reissue independent claims over original patent	
1205	18	**Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)		(\$ 262)	

**or number previously paid, if greater; For Reissue, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051	130	Surcharge - late filing fee of oath	
1052	50	Surcharge - late provisional filing fee or cover sheet	
1053	130	Non-English specification	
1812	2,520	For filing a request for ex parte reexamination	
1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	Extension for reply within first month	
1252	400	Extension for reply within second month	
1253	920	Extension for reply within third month	
1254	1,440	Extension for reply within fourth month	
1255	1,960	Extension for reply within fifth month	
1401	320	Notice of Appeal	
1402	320	Filing a brief in support of an appeal	
1403	280	Request for oral hearing	
1451	1,510	Petition to institute a public use proceeding	
1452	110	Petition to revive - unavoidable	
1453	1,280	Petition to revive - unintentional	
1501	1,280	Utility issue fee (or reissue)	
1502	460	Design issue fee	
1503	620	Plant issue fee	
1460	130	Petitions to the Commissioner	
1807	50	Petitions related to ProV1 Apps (Proc. Fee under 37 CFR 1.17(q))	
1806	180	Submission of information Disclosure Stmt	
8021	40	Recording each patent assignment per property (times no. of properties)	
1809	740	Filing a submission after final rejection (37 CFR §1.129(a))	
1810	740	For each additional invention to be examined (37 CFR §1.129(b))	
1801	740	Request for Continued Examination (RCE)	
1802	900	Request for expedited examination of a design application	
Other fee (specify)			

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0)

SUBMITTED BY	W. Daniel Swayze, Jr.			Complete (if applicable)	
Name (Print/Type)	W. Daniel Swayze, Jr.	Registration No. (Attorney/Agent)	34,478	Telephone	(972) 917-5633
Signature	<i>[Signature]</i>				

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.
 Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231

TI-29015.1